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**SENTIENT ENERGY ANNOUNCES AMPLE 4.0 WITH  
ADVANCED ANALYTICS AND VISUALIZATION**

*Latest Version of Leading Grid Analytics Software Improves Feeder Load Utilization, Adds Multi-Sensor Capabilities and Increases User Workflow Effectiveness*

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**Burlingame, CA – August 30<sup>th</sup>, 2018** – Sentient Energy, the industry leader of Intelligent Sensing Control Analytics Networks, today announced the new version of the Sentient Energy Ample software. Ample 4.0 includes new “dashboard” workflow tools for data analytics, enhanced device management, and multi-sensor support for Sentient’s ZeroAmp Monitor ZM1 alongside its flagship, the MM3. Sentient Energy Ample 4.0 enables utilities to proactively monitor and analyze grid activity and expand fault, momentary and disturbance detection to provide their customers excellent power quality and avoid possible outages due to high feeder level loading.

Ample 4.0’s enhanced dashboard provides reliability engineers the ability to summarize all their critical network data in one interface, and then seamlessly drill-down to the circuit details. The new dashboard tools include a Load and Unbalance Monitor, Momentary Interruption and Disturbance Heat Map, Customizable Feeder Watchlist, and other improvements increasing analytic accuracy and usability.

Users can quickly locate potential “trouble-spots” down to a feeder segment – either due to high instances of momentary interruptions and disturbances, or over-loading and unbalance. Additionally, monitoring load and phase balancing enhances resiliency by ensuring that there is sufficient capacity for feeder switching and restoration.

“We are constantly looking for ways to design our products with the most beneficial features that will help our customers improve their energy operations and fault detection practices,” said Konda Ankireddyapalli, CTO for Sentient Energy. “Ample 4.0 was designed to provide utilities a comprehensive analytics platform to monitor worst performing feeders and mitigate exceptions found that may cause future outages, momentary faults and power quality issues.”

Other key features with Ample 4.0 include:

- Single instance support for the entire overhead grid including Sentient Energy's ZM1 Line Monitor for overhead lateral and MM3 sensors using cellular and mesh networks simultaneously
- State-of-the-art analytics algorithms that enhance detection of non-fault events such as loss of current not related to faults, momentary faults counters and non-fault disturbances
- New visualization seamlessly matching user workflows for features related to Fault detection, Circuit Loading Phase Balancing
- Enhanced support for FCI, Load Logging and Temperature Logging

Deployed on-premise or in the cloud, Ample 4.0 is the enterprise software component of Sentient Energy's Grid Analytics System which also includes Sentient Energy's Intelligent Sensors, Distributed Applications, Communications Gateways and Application Interfaces Support for integrating data with other utility applications.

#### **About Sentient Energy**

Sentient Energy makes power delivery safe, reliable, and solar ready. The company provides the industry's only Grid Analytics System that covers the entire distribution network with quickly deployed intelligent sensors and analytics that identify and analyze potential faults and other grid events. Sentient Energy leads the market with the largest mesh network line sensor deployments in North America, and partnerships with leading utility network providers including Landis + Gyr, Itron, Verizon, AT&T and Telus. For more information visit [www.sentient-energy.com](http://www.sentient-energy.com).

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